

2020-2024 CIP UPDATE

City Council

May 9, 2019

What is a Capital Improvement Plan?

- A legislative and management tool to facilitate the scheduling, planning and execution of a series of public improvements over a five-year period
- Projects are prioritized based upon need, desire, and importance to the community and the City's ability to finance as well as implement and administer the projects
- A five-year CIP is required by Iowa law

Definition of Capital Improvements

- Minimum cost of \$25,000
- Construction, reconstruction, improvement or rehabilitation of public facilities and public works; and site or other improvements such as streets and alleys, sewers, airports, drainage facilities and park and recreation facilities, etc.
- Purchase of fixed or wheeled equipment
- Demolition activity
- Publicly financed assistance for housing rehabilitation
- Street, sewer, and property improvements

Planning Process

- Projects were submitted by the various City departments
- The Planning & Zoning Commission has reviewed the document, provided recommendations, and have recommended adoption
- Council modifications will be made where necessary
- Public hearing
- Adoption by resolution

Project Prioritization

- Existing Asset/Service vs. New Asset/Service
- Future Costs
- Comprehensive Plan
- Scope of the Project's Benefits
- Mandates
- Leveraged Funding Sources
- Public Health, Safety, and General Welfare
- Quality of Life

Prioritization Score Sheet

 MUSCATINE	DRAFT City of Muscatine, Iowa Capital Improvement Plan Fiscal Years 2020 through 2024
Lake Park Blvd. Bridge Deck Replacement	
Department: Public Works Project Location: Lake Park Blvd. at Mad Creek	
Existing Assets/Services vs. New Assets/Services	
<i>How does the proposed project relate to existing City assets/services?</i>	
✓ Necessary to maintain an existing City asset or service in working order or at the current levels.....12 Points	
Future Costs	
<i>What impact would completion of this project have on future operating budgets taking into account operational and maintenance costs or savings that can be directly attributed to the project?</i>	
✓ No or minimal impact to the operating budget.....6 Points	
Comprehensive Plan	
<i>Is the project contained within the Comprehensive Plan or does assist in implementing one or more goals of the Comprehensive Plan?</i>	
✓ Assists in implementing one goal of the comp. plan.....4 Points	
Scope of the Project's Benefits	
<i>How many people can this project be demonstrated to directly benefit?</i>	
✓ All of Muscatine.....12 Points	
Mandates	
<i>Is completion of this project required to fulfill a State or Federal mandate/regulation?</i>	
✓ No.....0 Points	
Leveraged Funding Source(s)	
<i>How well does this project leverage outside funding sources such as federal and state funds, grants, private contributions, etc.?</i>	
✓ No outside funding.....0 Points	
Public Safety, Health, and General Welfare	
<i>How does the project impact public safety, health, and general welfare?</i>	
✓ Is necessary to maintain current levels of public safety, health, and general welfare12 Points	
Quality of Life	
<i>How does the project impact quality of life in Muscatine?</i>	
✓ No demonstrable effect on quality of life.....0 Points	
Economic Development	
<i>How does the project impact economic development in Muscatine?</i>	
✓ Does not directly preserve or create jobs, but does contribute to a positive economic development climate.....4 Points	
Total.....50 Points	

60

Overview of All Proposed Projects



**DRAFT City of Muscatine, Iowa
Capital Improvement Plan**
Fiscal Years 2020 through 2024

Project	Fiscal Year	Project Cost	Funding Source	Points	Page
Runway 12/30 & Taxiway Maintenance	'22	\$200,000	State/Local Funds	38	
2nd Avenue Stormwater Infiltration Project	'20	\$75,000	Grants	36	
Weed Park Lagoon Trail	'20	\$100,000	TBD	34	
South End Air Release Valves—Phases 3 & 4	'21	\$100,000	Collection & Drainage Operating Fund	34	
South End Air Release Valves—Phases 3 & 4	'20	\$100,000	Collection & Drainage Operating Fund	34	
Transfer Station Entrance Road Overlay	'21	\$30,000	TBD	34	
Upgrade Fuel Facility	'20	\$200,000	State/Local Funds	34	
Fire Engine Replacement	'21	\$620,000	TBD	32	
Fuller Park Erosion Control	'23	\$300,000	TBD	32	
Weed Park Lagoon Bank Stabilization	'20	\$345,000	TBD	32	
Harbor Dredge Dewatering Area Relocation	'21	\$680,000	Water Pollution Control Fund & Collection and Drainage Op-	30	
Harbor Dredge Dewatering Area Relocation	'20	\$10,000	Water Pollution Control Fund & Collection and Drainage Op-	30	
Public Works Backup Generator	'20	\$50,000	TBD	30	
Greenwood Cemetery Erosion Control	'23	\$1,000,000	TBD	30	

Table 1: All Projects by Year Ranked by Prioritization Points

- Lists all proposed projects
- Ranks them based on prioritization points
- Each year of multi-year projects are listed separately

Detailed Project Information



DRAFT City of Muscatine, Iowa
Capital Improvement Plan
Fiscal Years 2020 through 2024

Lake Park Blvd. Bridge Deck Replacement

Department: Public Works Project Location: Lake Park Blvd. at Mad Creek

Project Description:

Replacement of the deck on the Lake Park Boulevard Bridge.

Estimated Cost:	\$90,000	Project Type:	Repair
Funding Schedule:	FY '21—\$90,000	Current Status:	Requested new project, nothing completed to date
Funding Source:	Road Use Tax Funds	Estimated Completion Time:	2 Months
Impact on Annual Operating Expenditures	None	Fulfills a Mandate or Comprehensive Plan Goal?	Yes; fulfills a Comprehensive Plan goal(s)

Purpose and Need for Project:

The bridge deck on the Lake Park Blvd bridge needs replaced. The remaining structure is in good shape.



Photo: Existing deck on Lake Park Blvd. Bridge



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Capital Improvement Plan
Fiscal Years 2020 through 2024

Lake Park Blvd. Bridge Deck Replacement

Department: Public Works Project Location: Lake Park Blvd. at Mad Creek

Estimated Project Costs:


Item	Estimated Total Cost	Costs Already Incurred	Proposed Funding by Year(s)
Planning and Engineering		FY '19—\$10,000	
Land Acquisition			
Construction	\$90,000		FY '21—\$90,000
Equipment/ Furnishings			
Other			
Total	\$90,000		FY'20—75,000

Item	Estimated Annual Impact on Operating Budget
Total	None

Additional Information:



Summary by Department



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Capital Improvement Plan
 Fiscal Years 2020 through 2024

Fiscal Year 2020 through 2024						
Funding Source	FY '20	FY '21	FY '22	FY '23	FY '24	Total
General Fund						
To Be Determined						
Water Pollution Control Plant Reserve Fund						
Water Pollution Control Plant Operating Fund						
Transfer of Jurisdiction Proceeds						
Collection and Drainage Operation Fund						
General Obligation Bonds						
Grants						
Road Use Tax Funds						
One Cent Local Option Sales Tax						
TIF						
Sewer Rates						
Revolving Loan Funds						
State Funds						
Federal STP Funds						
Federal TAP Funds						
Pearls of Progress Project						
Total						

Table 2: Cost of Proposed Projects by Funding Source (FY '20 through FY '24]

- Provides a year-by-year summary of proposed projects broken down by funding source

Summary by Fiscal Year



DRAFT City of Muscatine, Iowa Capital Improvement Plan

Fiscal Years 2020 through 2024

Fiscal Year 2024

Project	Department	Project Cost	Funding Source	Points	Page
West Hill Sewer Separation Project (Phase 6A)	PW—Sewer Separation	\$3,000,000	One Cent Local Option Sales Tax, Sewer Rates, & Revolving Loan Funds	74	
Progress Park Force Main Redundant Line	PW—Collection & Drainage	\$1,500,000	TBD	58	
Full Depth Patch Street Reconstruction	PW—Streets & Sidewalks Project	\$250,000	Road Use Tax	56	
Pavement Management Plan	PW—Streets & Sidewalks	\$1,000,000	One Cent Local Option Sales Tax and Road User Tax Fund	54	
Rear Load Collection Truck	PW—Transfer Station	\$180,000	TBD	48	
Mad Creek Storm Water Management	PW—Stormwater	\$900,000	Watershed Development Grant and 319 Grant	44	
MuscaBus Replacements	PW—Transit	\$223,000	Federal/City Funds	40	
Construct SRE Building	CD (Airport)	\$620,000	Federal/Local Funds	30	
Helmz Sewer Reconstruction Project	PW—Collection & Drainage	\$725,000	Collection and Drainage	26	

Table 15: Projects Proposed for Fiscal Year 2024 Ranked by Prioritization Points



DRAFT City of Muscatine, Iowa Capital Improvement Plan

Fiscal Years 2020 through 2024

Fiscal Year 2024

Department	City Funding	Outside Funding
Community Development (Airport)		
Public Works-Transit		
Public Works-Collection & Drainage		
Public Works-Transfer Station		
Public Works-Buildings & Grounds		
Public Works-Street & Sidewalk Projects		
Public Works—Trails & Recreation Projects		
Public Works—Sewer Separation		
PW—Stormwater		
Total		

Table 16: Cost of Projects Proposed for Fiscal Year 2024 by Department

Funding Source	Amount
General Fund	
To Be Determined	
Collection & Drainage Operation Fund	
Road Use Tax Funds	
General Obligation Bonds	
One Cent Local Option Sales Tax	
Sewer Rates	
Grants	
Revolving Loan Funds	
Federal STP Funds	
Total	

Table 17: Cost of Projects Proposed for Fiscal Year 2024 by Funding Source

QUESTIONS?

